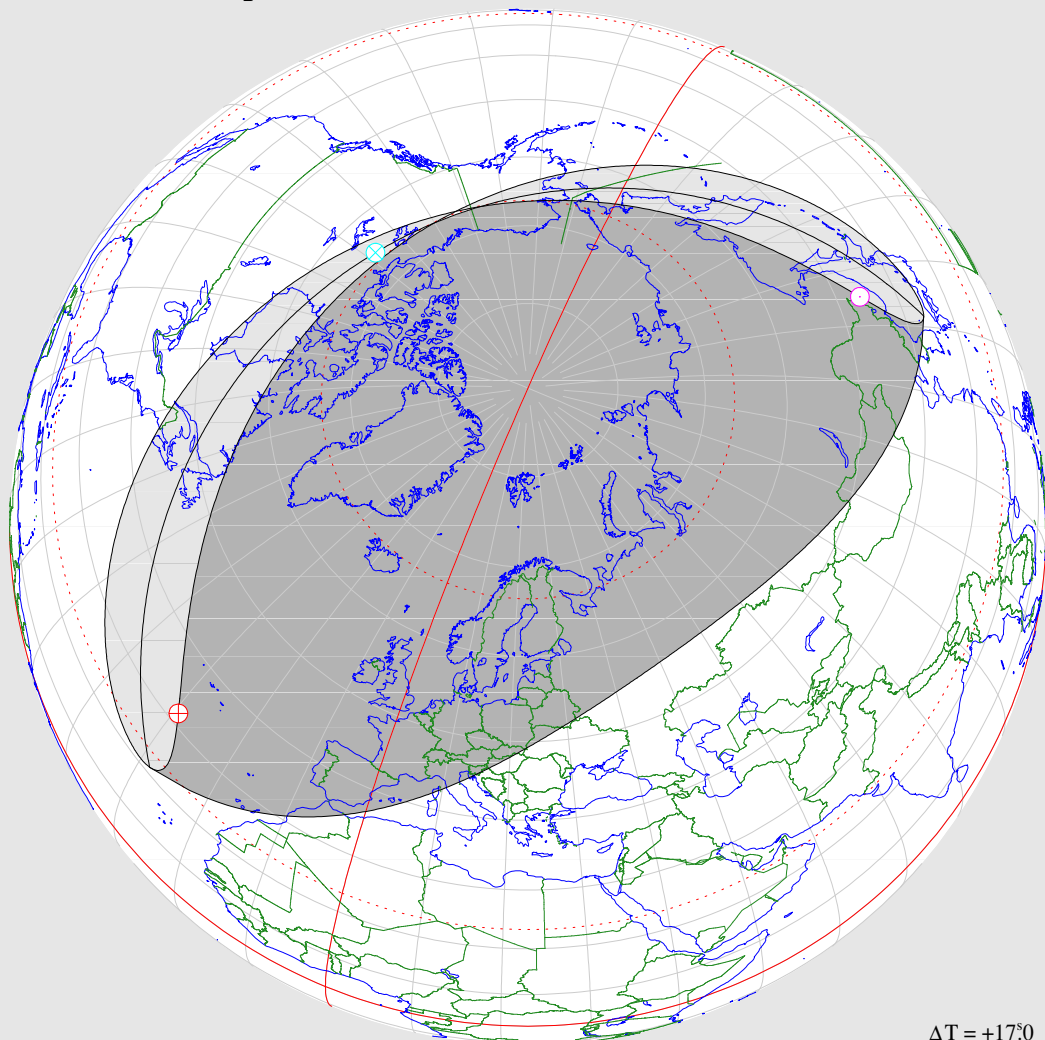


III. - Partial Eclipse of the Sun

1779 June 14



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$\Delta T = +17^{\circ}0$
Globe centred on E 23°0 and N 74°5

Circumstances	Time (UT)	Longitude	Latitude
	^h ^m	^o /	^o /
⊕ Eclipse begins; first contact with Earth	6 55.8	W 29 24.2	N 31 38.8
Beginning of southern limit of penumbra	7 15.3	W 28 27.1	N 21 04.8
⊗ Greatest eclipse (magnitude = 0.9281)	8 51.2	W 112 14.4	N 65 18.4
End of southern limit of penumbra	10 26.9	E 131 38.1	N 36 19.3
⊙ Eclipse ends; last contact with Earth	10 46.4	E 135 04.3	N 46 17.3